Koch, Kristine

From: Jennifer Woronets [jworonets@anchorqea.com]

Sent: Wednesday, March 20, 2013 1:23 PM

To: Humphrey, Chip; Koch, Kristine; Allen, Elizabeth

Cc: Carl Stivers; Amanda Shellenberger; Jennifer Woronets; 'James McKenna'; Bob Wyatt

Subject: FW: Estimated Alternative Sequencing

Attachments: Estimated Alternative Sequencing5-24-2012.pdf

Chip, Kristine, Elizabeth,

As discussed during today's meeting, please see below and attached estimated alternative sequencing summary table.

Please let us know if you have any questions.

Thank you,
Jen Woronets ©
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From: Jennifer Woronets

Sent: Wednesday, May 30, 2012 2:04 PM

To: <u>Humphrey.Chip@epamail.epa.gov</u>; <u>Koch.Kristine@epamail.epa.gov</u>

Cc: Jennifer Woronets; Amanda Shellenberger; Carl Stivers; Betz, Jan; Bob Wyatt; Dave Livesay; David Ashton; Fred G. Wolf (Frederick.wolf@total.com); Fred Wolf email 2 (b) (6)); Jennifer Woronets; Jessica Hamilton (Jessica.Hamilton@portofportland.com); Jim McKenna (jim.mckenna@verdantllc.com); Karen Traeger (karen.traeger@total.com); Kim Cox (kim.cox@portlandoregon.gov); Madalinski, Kelly; Patty Dost; Steve Parkinson (sparkinson@jzplaw.com); (Brandy.Humphreys@grandronde.org); Allison Ebbets (aebbets@stratusconsulting.com); ANDERSON.Jim@deq.state.or.us; audiehuber@ctuir.com; Bob Wyatt; Colin Wagoner; cunninghame@gorge.net; Dave Livesay; erin.madden@gmail.com; Humphrey.Chip@epamail.epa.gov; JD Williams (jd@williamsjohnsonlaw.com); Jennifer Peers; Jennifer Woronets; Jim McKenna (jim.mckenna@verdantllc.com); Julie Weis; Kim Cox (kim.cox@portlandoregon.gov); Kim D'Aquila (kim.daquila@grandronde.org); Koch.Kristine@epamail.epa.gov; Madalinski, Kelly; Matt Johnson (matt@williamsjohnsonlaw.com); MCCLINCY Matt; Robert Neely; Rose Longoria (rose@yakamafish-

nsn.gov); Tom Gainer (GAINER.Tom@deg.state.or.us)

Subject: Estimated Alternative Sequencing

Chip, Kristine,

Per your request, attached is a table summarizing the construction sequencing assumed for each alternative by SMA. This table shows the years that active remediation (removal, capping, in-situ treatment/EMNR) is assumed to occur for each SMA. Within each SMA, construction generally occurs from upstream to downstream, with in-place technologies (capping and EMNR/in-situ treatment placement) happening in the same time frame as removal. Also shown on the attached table is the assumed time frame for CAD/CDF construction and closing, if applicable.

Please let us know if you have any questions.

Thank you,
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